

We claim:

1. A papermaking fabric having a textured sheet contacting surface comprising substantially continuous machine-direction ridges separated by valleys, wherein
5 the height of the ridges is from about 0.5 to about 3.5 millimeters, the width of the ridges is about 0.3 centimeter or greater, and the frequency of occurrence of the ridges in the cross-machine direction of the fabric is from about 0.2 to about 3 per centimeter.

10 2. The fabric of claim 1 wherein the height of the ridges is from about 0.6 to about 2.0 millimeters.

15 3. The fabric of claim 1 wherein the height of the ridges is from about 1.0 to about 2.0 millimeters.

4. The fabric of claim 1 wherein the height of the ridges is from about 1.0 to about 1.5 millimeters.

20 5. A continuous method of making bath tissue and paper towels on the same papermaking machine comprising:
(a) forming a tissue web having a first basis weight;
(b) transferring the tissue web to a throughdrying fabric having continuous machine-direction ridges separated by valleys, wherein the height of the ridges is from about 0.5 to about 3.5 millimeters or greater, the width of the ridges is about 0.3 centimeter or greater and the frequency of the ridges in
25 the cross-machine direction is from about 0.2 to about 3 per centimeter;
(c) throughdrying the tissue web;
(d) winding the tissue web into a parent roll;
(e) converting the parent roll into paper toweling;
30 (f) forming a tissue web having a second basis weight which is less than the first basis weight;
(g) transferring the web to the same throughdrying fabric of step (b);
(h) throughdrying the web;
(i) winding the dried web into a parent roll; and
35 (j) converting the parent roll into bath tissue.

6. The fabric of claim 5 wherein the height of the ridges is from about 0.6 to about 2.0 millimeters.

7. The fabric of claim 5 wherein the height of the ridges is from about 1.0 to about 2.0
5 millimeters.

8. The fabric of claim 5 wherein the height of the ridges is from about 1.0 to about 1.5 millimeters.

10 9. A tissue sheet having Wide Wales, a basis weight of from about 10 to about 35 grams per square meter (gsm) and one or more of the following pinhole-related indexes: a Pinhole Coverage Index of about 0.25 or less, a Pinhole Count Index of about 65 or less and a Pinhole Size Index of about 600 or less.

15 10. The tissue sheet of claim 9 having a basis weight of from about 20 to about 35 gsm.

11. The tissue sheet of claim 9 having a basis weight of from about 20 to about 30 gsm.

12. The tissue sheet of claim 9 having a basis weight of from about 30 to about 35 gsm.

20 13. The tissue sheet of claim 9 having a Caliper of from about 700 to about 1500 microns.

14. The tissue sheet of claim 9 having a Caliper of from about 750 to about 1100
25 microns.

15. The tissue sheet of claim 9 having a ratio of the geometric mean modulus to the geometric mean tensile strength of about 5 kilometers or less per kilogram.

30 16. The tissue sheet of claim 9 having a ratio of the geometric mean modulus to the geometric mean tensile strength of from about 4 to about 5 kilometers per kilogram.

17. The tissue sheet of claim 9 having two outer layers and an inner layer, wherein the two outer layers contain primarily hardwood fibers and the inner layer contains
35 primarily softwood fibers.

18. A tissue sheet having Wide Wales and a geometric mean tensile strength of about 1200 grams or less per 7.62 centimeters, a basis weight of from about 10 to about 45 grams per square centimeter and one or more of the following pinhole-related

5 indexes: a Pinhole Coverage Index of about 0.25 or less, a Pinhole Count Index of about 65 or less and a Pinhole Size Index of about 600 or less.

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19. The tissue sheet of claim 18 wherein the basis weight is from about 10 to about 35 gsm.

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20. The tissue sheet of claim 18 having a basis weight of from about 20 to about 35 gsm.

21. The tissue sheet of claim 18 having a basis weight of from about 20 to about 30 gsm.

22. The tissue sheet of claim 18 having a basis weight of from about 30 to about 35 gsm.

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23. The tissue sheet of claim 18 having a geometric mean tensile strength of from about 500 to about 1200 grams.

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24. The tissue sheet of claim 18 having a geometric mean tensile strength of from about 500 to about 1100 grams.

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25. The tissue sheet of claim 18 having a geometric mean tensile strength of from about 800 to about 1000 grams.

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26. The tissue sheet of claim 18 having a Caliper of from about 700 to about 1500 microns.

27. The tissue sheet of claim 18 having a Caliper of from about 750 to about 1100 microns.

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28. The tissue sheet of claim 18 having a ratio of the geometric mean modulus to the geometric mean tensile strength of about 5 kilometers or less per kilogram.

29. The tissue sheet of claim 18 having a ratio of the geometric mean modulus to the geometric mean tensile strength of from about 4 to about 5 kilometers per kilogram.

5 30. The tissue sheet of claim 18 having two outer layers and an inner layer, wherein the two outer layers contain primarily hardwood fibers and the inner layer contains primarily softwood fibers.

10 31. A tissue sheet having Wide Wales, a basis weight of from about 10 to about 35 grams per square meter (gsm) and a Pinhole Coverage Index of about 0.25 or less.

32. The tissue sheet of claim 31 wherein the Pinhole Coverage Index is about 0.20 or less.

15 33. The tissue sheet of claim 31 wherein the Pinhole Coverage Index is about 0.15 or less.

34. The tissue sheet of claim 31 wherein the Pinhole Coverage Index is from about 0.05 to about 0.15.

20 35. A tissue sheet having Wide Wales and a geometric mean tensile strength of about 1200 grams or less per 7.62 centimeters, a basis weight of from about 10 to about 45 grams per square centimeter and a Pinhole Coverage Index of about 0.25 or less.

25 36. The tissue sheet of claim 35 wherein the Pinhole Coverage Index is about 0.20 or less.

30 37. The tissue sheet of claim 35 wherein the Pinhole Coverage Index is about 0.15 or less.

38. The tissue sheet of claim 35 wherein the Pinhole Coverage Index is from about 0.05 to about 0.15.

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